

SECTION 570.00 – WAQTC / IDAHO FIELD OPERATING PROCEDURES

570.01 Aggregate.

- 1. AASHTO T 2 Sampling of Aggregates
- 2. AASHTO T 248 Reducing Samples of Aggregate to Testing Size
- 3. AASHTO T 255 Total Moisture Content of Aggregate by Drying
- 4. AASHTO T 27 Sieve Analysis of Fine and Coarse Aggregates
- 4. AASHTO T 11 Materials Finer Than No. 200 (75 µm) sieve in Mineral Aggregates by Washing
- 5. AASHTO TP 61 Determining the Percentage of Fracture in Coarse Aggregate
- 6. AASHTO T 176 Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test

570.02 Asphalt.

- 1. AASHTO T 168 Sampling Bituminous Paving Mixtures
- 2. WAQTC TM 5 Reducing Samples of Hot Mix Asphalt to Testing Size
- 3. AASHTO T 329 Moisture Content of Bituminous Mixes by Oven
- 4. AASHTO T 308 Determining the Asphalt Binder Content of Hot Mix Asphalt (HMA) by the Ignition Method
- 5. AASHTO T 30 Mechanical Analysis of Extracted Aggregate
- 6. AASHTO T 209 Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
- 7. AASHTO T 166 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Saturated Surface-Dry Specimens
- AASHTO T 275 Bulk Specific Gravity of Compacted Bituminous Mixtures Using Paraffin-Coated Specimens
- 8. WAQTC TM 8 In-Place Density of Bituminous Mixes Using the Moisture-Density Gauge
- 9. AASHTO T 40 Sampling Bituminous Materials

570.03 Concrete.

- 1. WAQTC TM 2 Sampling Freshly Mixed Concrete
- 2. AASHTO T 309 Temperature of Freshly Mixed Portland Cement Concrete
- 3. AASHTO T 119 Slump of Hydraulic Cement Concrete
- 4. AASHTO T 121 Mass per Cubic Foot (Cubic Meter), Yield, and Air Content (Gravimetric) of Concrete
- 5. AASHTO T 152 Air Content of Freshly Mixed Concrete by the Pressure Method
- 6. AASHTO T 23 Making and Curing Concrete Test Specimens in the Field

570.04 Embankment and Base In-Place Density.

- 1. AASHTO T 255 Total Moisture Content of Aggregate by Drying
- AASHTO T 265 Laboratory Determination of Moisture Content of Soils
- 2. AASHTO T 217 Determination of Moisture in Soils by Means of a Calcium Carbide Gas Pressure Moisture Tester
- 3. AASHTO T 99 Moisture-Density Relations of Soils Using a 5.5-lb (2.5-kg) Rammer and 12-in. (305-mm) Drop
- 3. AASHTO T 180 Moisture-Density Relations of Soils Using a 10-lb (4.54-kg) Rammer and 18-in. (457-mm) Drop
- 4. AASHTO T 272 Family of Curves – One-Point Method
- 5. AASHTO T 85 Specific Gravity and Absorption of Coarse Aggregate
- 6. AASHTO T 224 Correction for Coarse Particles in the Soil Compaction Test

570.04 Embankment and Base In-place Density (Continued).

7. Instruction on Use of AKDOT&PF ATM-212, ITD T-74, WSDOT TM 606, or WFLHD Humphreys Curves
8. AASHTO T 310 In-Place Density and Moisture Content of Soil and Soil-Aggregate by the Nuclear Method
9. AASHTO T 89 Determining the Liquid Limit of Soils
10. AASHTO T 90 Determining the Plastic Limit and Plasticity Index of Soils